**9th SCIENCE-Term I**

**Class: *Current Biology***

Full Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9th Grade \_\_\_\_\_\_\_\_\_\_

Teacher: Gerardo LÁZARO Actual Date of Delivery: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**Expected Date of Delivery: Tuesday, April 5th**

**OBJECTIVES: Identifies and describes the uses of instruments in scientific investigation.**

**Describes the types, functions and uses of the microscope, centrifuge and incubator.**

* **Complete the next Weekly Learning Chart until “**What I *N*eed to know**”**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **What I *K*now** | **What I *N*eed to know** | ***W*hat I learned** | **Best *R*esources** | **Self-*Evaluation*** |
| Class  *Lab Basics: The Tools of Research* |  |  |  |  |

* **Complete until “**Self-*E*valuation**” at the end of the lesson.**

**Activity 1 (Criterion A): Prepare a Web Diagram having “RESEARCH” as your central idea. Connect your central idea to other ideas using connecting words (such as: *belongs to, produces, is made of, transforms*, etc). *You should consider the following themes: USES, PROCESS, FUNCTIONS, APPLICATION, and IMPORTANCE.***



**Activity 2 (Criterion C): *Prepare a slide show with pictures comparing a living thing with a non-living thing to produce a size scale. Use at least 5 scales and indicate the units used. Tip: you can check this size scale as an example:*** [***http://goo.gl/yCWy***](http://goo.gl/yCWy)

**Activity 3 (Criterion A): *Investigate and analyze the role of laboratory equipment and research techniques in two major discoveries in Science.***

**OPTIONAL (Criterion C): *Select 2 lab protocols and compare and contrast the equipment and research techniques used in them.   
Source:*** [**http://www.protocol-online.org/**](http://www.protocol-online.org/)